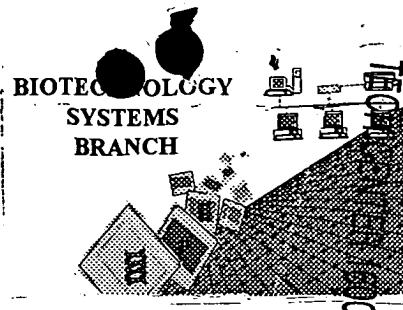


RAW SEQUENCE LISTING ERROR REPORT



1642
MAY 31 2002

RECEIVED

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/428,082A

Source: 1642

Date Processed by STIC: 5/28/2002

p#16

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

RECEIVED

MAY 31 2002



TECH CENTER 1600

1642

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/428,082A

DATE: 05/28/2002

TIME: 11:56:36

Input Set : A:\A-527.ST25.txt

Output Set: N:\CRF3\05282002\I428082A.raw

pp 6-10
 Does Not Comply
 Corrected Diskette Needed

errors
 shown on page 10

3 <110> APPLICANT: FEIGE, ULRICH
 4 LIU, CHUAN-FA
 5 CHEETHAM, JANET C.
 6 BOONE, THOMAS CHARLES
 8 <120> TITLE OF INVENTION: MODIFIED PEPTIDES AS THERAPEUTIC AGENTS
 10 <130> FILE REFERENCE: A-527
 12 <140> CURRENT APPLICATION NUMBER: 09/428,082A
 13 <141> CURRENT FILING DATE: 1999-10-22
 15 <150> PRIOR APPLICATION NUMBER: 60/105,371
 16 <151> PRIOR FILING DATE: 1998-10-23
 18 <160> NUMBER OF SEQ ID NOS: 1127
 20 <170> SOFTWARE: PatentIn version 3.1
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 684
 24 <212> TYPE: DNA
 25 <213> ORGANISM: HUMAN
 27 <220> FEATURE:
 28 <221> NAME/KEY: CDS
 29 <222> LOCATION: (1)..(684)
 30 <223> OTHER INFORMATION:
 33 <400> SEQUENCE: 1

34	atg gac aaa act cac aca tgt cca cct tgt cca gct ccg gaa ctc ctg	48
35	Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu	
36	1 5 10 15	
38	ggg gga ccg tca gtc ttc ctc ccc cca aaa ccc aag gac acc ctc	96
39	Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu	
40	20 25 30	
42	atg atc tcc cgg acc cct gag gtc aca tgc gtg gtg gac gtg agc	144
43	Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser	
44	35 40 45	
46	cac gaa gac cct gag gtc aag ttc aac tgg tac gtg gac ggc gtg gag	192
47	His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu	
48	50 55 60	
50	gtg cat aat gcc aag aca aag ccg cgg gag gag cag tac aac agc acg	240
51	Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr	
52	65 70 75 80	
54	tac cgt gtg gtc agc gtc ctc acc gtc ctg cac cag gac tgg ctg aat	288
55	Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn	
56	85 90 95	
58	ggc aag gag tac aag tgc aag gtc tcc aac aaa gcc ctc cca gcc ccc	336
59	Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro	
60	100 105 110	
62	atc gag aaa acc atc tcc aaa gcc aaa ggg cag ccc cga gaa cca cag	384

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/428,082A

DATE: 05/28/2002
TIME: 11:56:36

Input Set : A:\A-527.ST25.txt
Output Set: N:\CRF3\05282002\I428082A.raw

63	Ile	Glu	Lys	Thr	Ile	Ser	Lys	Ala	Lys	Gly	Gln	Pro	Arg	Glu	Pro	Gln	
64	115							120					125				
66	gtg	tac	acc	ctg	ccc	cca	tcc	cgg	gat	gag	ctg	acc	aag	aac	cag	gtc	432
67	Val	Tyr	Thr	Leu	Pro	Pro	Ser	Arg	Asp	Glu	Leu	Thr	Lys	Asn	Gln	Val	
68	130							135				140					
70	agc	ctg	acc	tgc	ctg	gtc	aaa	ggc	ttc	tat	ccc	agc	gac	atc	gcc	gtg	480
71	Ser	Leu	Thr	Cys	Leu	Val	Lys	Gly	Phe	Tyr	Pro	Ser	Asp	Ile	Ala	Val	
72	145						150			155				160			
74	gag	tgg	gag	agc	aat	ggg	ccg	gag	aac	aac	tac	aag	acc	acg	cct		528
75	Glu	Trp	Glu	Ser	Asn	Gly	Gln	Pro	Glu	Asn	Asn	Tyr	Lys	Thr	Thr	Pro	
76	165						170				175						
78	ccc	gtg	ctg	gac	tcc	gac	ggc	tcc	ttc	ttc	ctc	tac	agc	aag	ctc	acc	576
79	Pro	Val	Leu	Asp	Ser	Asp	Gly	Ser	Phe	Phe	Leu	Tyr	Ser	Lys	Leu	Thr	
80	180						185				190						
82	gtg	gac	aag	agc	agg	tgg	cag	cag	ggg	aac	gtc	ttc	tca	tgc	tcc	gtg	624
83	Val	Asp	Lys	Ser	Arg	Trp	Gln	Gln	Gly	Asn	Val	Phe	Ser	Cys	Ser	Val	
84	195						200				205						
86	atg	cat	gag	gct	ctg	cac	aac	cac	tac	acc	cag	aag	agc	ctc	tcc	ctg	672
87	Met	His	Glu	Ala	Leu	His	Asn	His	Tyr	Thr	Gln	Lys	Ser	Leu	Ser	Leu	
88	210						215				220						
90	tct	ccg	ggt	aaa												684	
91	Ser	Pro	Gly	Lys													
92	225																
95	<210>	SEQ	ID	NO:	2												
96	<211>	LENGTH:	228														
97	<212>	TYPE:	PRT														
98	<213>	ORGANISM:	HUMAN														
100	<400>	SEQUENCE:	2														
102	Met	Asp	Lys	Thr	His	Thr	Cys	Pro	Pro	Cys	Pro	Ala	Pro	Glu	Leu	Leu	
103	1						5				10			15			
106	Gly	Gly	Pro	Ser	Val	Phe	Leu	Phe	Pro	Pro	Lys	Pro	Lys	Asp	Thr	Leu	
107							20			25			30				
110	Met	Ile	Ser	Arg	Thr	Pro	Glu	Val	Thr	Cys	Val	Val	Val	Asp	Val	Ser	
111							35			40			45				
114	His	Glu	Asp	Pro	Glu	Val	Lys	Phe	Asn	Trp	Tyr	Val	Asp	Gly	Val	Glu	
115							50			55			60				
118	Val	His	Asn	Ala	Lys	Thr	Lys	Pro	Arg	Glu	Glu	Gln	Tyr	Asn	Ser	Thr	
119	65						70			75			80				
122	Tyr	Arg	Val	Val	Ser	Val	Leu	Thr	Val	Leu	His	Gln	Asp	Trp	Leu	Asn	
123							85			90			95				
126	Gly	Lys	Glu	Tyr	Lys	Cys	Lys	Val	Ser	Asn	Lys	Ala	Leu	Pro	Ala	Pro	
127							100			105			110				
130	Ile	Glu	Lys	Thr	Ile	Ser	Lys	Ala	Lys	Gly	Gln	Pro	Arg	Glu	Pro	Gln	
131							115			120			125				
134	Val	Tyr	Thr	Leu	Pro	Pro	Ser	Arg	Asp	Glu	Leu	Thr	Lys	Asn	Gln	Val	
135							130			135			140				
138	Ser	Leu	Thr	Cys	Leu	Val	Lys	Gly	Phe	Tyr	Pro	Ser	Asp	Ile	Ala	Val	
139	145						145			150			155			160	
142	Glu	Trp	Glu	Ser	Asn	Gly	Gln	Pro	Glu	Asn	Asn	Tyr	Lys	Thr	Thr	Pro	

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/428,082A

DATE: 05/28/2002
TIME: 11:56:36

Input Set : A:\A-527.ST25.txt
Output Set: N:\CRF3\05282002\I428082A.raw

143	165	170	175
146	Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr		
147	180	185	190
150	Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val		
151	195	200	205
154	Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu		
155	210	215	220
158	Ser Pro Gly Lys		
159	225		
162	<210> SEQ ID NO: 3		
163	<211> LENGTH: 18		
164	<212> TYPE: PRT		
165	<213> ORGANISM: Artificial Sequence		
167	<220> FEATURE:		
168	<223> OTHER INFORMATION: SYNTHETIC SCHEME FOR PREPARATION OF PEGYLATED PEPTIDE		
170	<400> SEQUENCE: 3		
172	Gly Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala		
173	1 5 10 15		
176	Arg Ala		
180	<210> SEQ ID NO: 4		
181	<211> LENGTH: 18		
182	<212> TYPE: PRT		
183	<213> ORGANISM: Artificial Sequence		
185	<220> FEATURE:		
186	<223> OTHER INFORMATION: SYNTHETIC SCHEME FOR PREPARATION OF PEGYLATED PEPTIDE		
188	<400> SEQUENCE: 4		
190	Gly Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala		
191	1 5 10 15		
194	Arg Ala		
198	<210> SEQ ID NO: 5		
199	<211> LENGTH: 794		
200	<212> TYPE: DNA		
201	<213> ORGANISM: Artificial Sequence		
203	<220> FEATURE:		
204	<223> OTHER INFORMATION: Fc-TMP		
206	<220> FEATURE:		
207	<221> NAME/KEY: CDS		
208	<222> LOCATION: (39)..(779)		
209	<223> OTHER INFORMATION:		
212	<400> SEQUENCE: 5		
213	tctagattt ttttaactaa ttaaggagg aataacat atg gac aaa act cac aca	56	
214	Met Asp Lys Thr His Thr		
215	1 5		
217	tgt cca cct tgt cca gct ccg gaa ctc ctg ggg gga ccg tca gtc ttc	104	
218	Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe		
219	10 15 20		
221	ctc ttc ccc cca aaa ccc aag gac acc ctc atg atc tcc cg acc cct	152	
222	Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro		
223	25 30 35		

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/428,082A

DATE: 05/28/2002
TIME: 11:56:36

Input Set : A:\A-527.ST25.txt
Output Set: N:\CRF3\05282002\I428082A.raw

225 gag gtc aca tgc gtg gtg gac gtg agc cac gaa gac cct gag gtc	200
226 Glu Val Thr Cys Val Val Val Asp Val Ser His Glu Asp Pro Glu Val	
227 40 45 50	
229 aag ttc aac tgg tac gtg gac ggc gtg gag gtg cat aat gcc aag aca	248
230 Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr	
231 55 60 65 70	
233 aag ccg cgg gag gag cag tac aac agc acg tac cgt gtg gtc agc gtc	296
234 Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val	
235 75 80 85	
237 ctc acc gtc ctg cac cag gac tgg ctg aat ggc aag gag tac aag tgc	344
238 Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys	
239 90 95 100	
241 aag gtc tcc aac aaa gcc ctc cca gcc ccc atc gag aaa acc atc tcc	392
242 Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser	
243 105 110 115	
245 aaa gcc aaa ggg cag ccc cga gaa cca cag gtg tac acc ctg ccc cca	440
246 Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro	
247 120 125 130	
249 tcc cgg gat gag ctg acc aag aac cag gtc agc ctg acc tgc ctg gtc	488
250 Ser Arg Asp Glu Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val	
251 135 140 145 150	
253 aaa ggc ttc tat ccc agc gac atc gcc gtg gag tgg gag agc aat ggg	536
254 Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly	
255 155 160 165	
257 cag ccg gag aac aac tac aag acc acg cct ccc gtg ctg gac tcc gac	584
258 Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp	
259 170 175 180	
261 ggc tcc ttc ttc ctc tac agc aag ctc acc gtg gac aag agc agg tgg	632
262 Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp	
263 185 190 195	
265 cag cag ggg aac gtc ttc tca tgc tcc gtg atg cat gag gct ctg cac	680
266 Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His	
267 200 205 210	
269 aac cac tac acg cag aag agc ctc tcc ctg tct ccg ggt aaa ggt gga	728
270 Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys Gly Gly	
271 215 220 225 230	
273 ggt ggt ggt atc gaa ggt ccg act ctg cgt cag tgg ctg gct gct cgt	776
274 Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg	
275 235 240 245	
277 gct taatctcgag gatcc	794
278 Ala	
282 <210> SEQ ID NO: 6	
283 <211> LENGTH: 247	
284 <212> TYPE: PRT	
285 <213> ORGANISM: Artificial Sequence	
287 <220> FEATURE:	
288 <223> OTHER INFORMATION: Fc-TMP	
290 <400> SEQUENCE: 6	
292 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu	

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/428,082A

DATE: 05/28/2002
TIME: 11:56:36

Input Set : A:\A-527.ST25.txt
Output Set: N:\CRF3\05282002\I428082A.raw

293	1	5	10	15													
296	Gly	Gly	Pro	Ser	Val	Phe	Leu	Phe	Pro	Pro	Lys	Pro	Lys	Asp	Thr	Leu	
297																	
300	Met	Ile	Ser	Arg	Thr	Pro	Glu	Val	Thr	Cys	Val	Val	Val	Asp	Val	Ser	
301																	
304	His	Glu	Asp	Pro	Glu	Val	Lys	Phe	Asn	Trp	Tyr	Val	Asp	Gly	Val	Glu	
305																	
308	Val	His	Asn	Ala	Lys	Thr	Lys	Pro	Arg	Glu	Glu	Gln	Tyr	Asn	Ser	Thr	
309	65																
312	Tyr	Arg	Val	Val	Ser	Val	Leu	Thr	Val	Leu	His	Gln	Asp	Trp	Leu	Asn	
313																	
316	Gly	Lys	Glu	Tyr	Lys	Cys	Lys	Val	Ser	Asn	Lys	Ala	Leu	Pro	Ala	Pro	
317																	
320	Ile	Glu	Lys	Thr	Ile	Ser	Lys	Ala	Lys	Gly	Gln	Pro	Arg	Glu	Pro	Gln	
321																	
324	Val	Tyr	Thr	Leu	Pro	Pro	Ser	Arg	Asp	Glu	Leu	Thr	Lys	Asn	Gln	Val	
325																	
328	Ser	Leu	Thr	Cys	Leu	Val	Lys	Gly	Phe	Tyr	Pro	Ser	Asp	Ile	Ala	Val	
329	145																
332	Glu	Trp	Glu	Ser	Asn	Gly	Gln	Pro	Glu	Asn	Asn	Tyr	Lys	Thr	Thr	Pro	
333																	
336	Pro	Val	Leu	Asp	Ser	Asp	Gly	Ser	Phe	Phe	Leu	Tyr	Ser	Lys	Leu	Thr	
337																	
340	Val	Asp	Lys	Ser	Arg	Trp	Gln	Gln	Gly	Asn	Val	Phe	Ser	Cys	Ser	Val	
341																	
344	Met	His	Glu	Ala	Leu	His	Asn	His	Tyr	Thr	Gln	Lys	Ser	Leu	Ser	Leu	
345																	
348	Ser	Pro	Gly	Lys	Gly	Gly	Gly	Gly	Ile	Glu	Gly	Pro	Thr	Leu	Arg		
349	225																
352	Gln	Trp	Leu	Ala	Ala	Arg	Ala										
353																	
356	<210>	SEQ	ID	NO:	7												
357	<211>	LENGTH:	861														
358	<212>	TYPE:	DNA														
359	<213>	ORGANISM:	Artificial Sequence														
361	<220>	FEATURE:															
362	<223>	OTHER INFORMATION:	Fc-TMP-TMP														
364	<220>	FEATURE:															
365	<221>	NAME/KEY:	CDS														
366	<222>	LOCATION:	(39)..(842)														
367	<223>	OTHER INFORMATION:															
370	<400>	SEQUENCE:	7														
371	tcttagatttg	ttttaactaa	ttaaaggagg	aataacat	atg	gac	aaa	act	cac	aca						56	
372												Met	Asp	Lys	Thr	His	Thr
373												1		5			
375	tgt	cca	cct	tgt	cca	gct	ccg	gaa	ctc	ctg	ggg	gga	ccg	tca	gtc	ttc	104
376	Cys	Pro	Pro	Cys	Pro	Ala	Pro	Glu	Leu	Leu	Gly	Gly	Pro	Ser	Val	Phe	
377																	
379	ctc	ttc	ccc	cca	aaa	ccc	aag	gac	acc	ctc	atg	atc	tcc	cg	acc	cct	152

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/428,082A

DATE: 05/28/2002
TIME: 11:56:37

Input Set : A:\A-527.ST25.txt
Output Set: N:\CRF3\05282002\I428082A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:33; Xaa Pos. 6,7,8
Seq#:45; Xaa Pos. 8,9,10
Seq#:56; Xaa Pos. 8,9
Seq#:57; Xaa Pos. 8,9,10
Seq#:58; Xaa Pos. 8,9,10,11
Seq#:59; Xaa Pos. 8,9,10,11,12
Seq#:60; Xaa Pos. 8,9,10,11,12,13
Seq#:71; Xaa Pos. 2,12
Seq#:72; Xaa Pos. 2,3,13
Seq#:73; Xaa Pos. 2,12,13
Seq#:74; Xaa Pos. 2,3,13,14
Seq#:83; Xaa Pos. 2,4,5,8,11,13
Seq#:84; Xaa Pos. 2,4,5,8,11,13,16,18,19,22,25,27
Seq#:85; Xaa Pos. 2,4,5,8,11,13
Seq#:86; Xaa Pos. 2,4,5,8,11,13
Seq#:100; Xaa Pos. 4
Seq#:101; Xaa Pos. 1,5
Seq#:102; Xaa Pos. 1,4
Seq#:104; Xaa Pos. 4
Seq#:124; Xaa Pos. 1,2,3,6,9,10
Seq#:142; Xaa Pos. 2,4,8,9
Seq#:212; Xaa Pos. 1,2,3,5,7,8,9
Seq#:221; Xaa Pos. 10
Seq#:222; Xaa Pos. 10
Seq#:223; Xaa Pos. 11
Seq#:224; Xaa Pos. 10
Seq#:225; Xaa Pos. 10
Seq#:226; Xaa Pos. 10
Seq#:227; Xaa Pos. 10
Seq#:228; Xaa Pos. 10
Seq#:229; Xaa Pos. 6,10
Seq#:230; Xaa Pos. 6,10
Seq#:234; Xaa Pos. 5,10
Seq#:235; Xaa Pos. 5,10
Seq#:236; Xaa Pos. 6,10
Seq#:237; Xaa Pos. 5,10
Seq#:240; Xaa Pos. 10
Seq#:241; Xaa Pos. 10
Seq#:242; Xaa Pos. 8,10
Seq#:243; Xaa Pos. 10
Seq#:244; Xaa Pos. 10
Seq#:245; Xaa Pos. 10
Seq#:246; Xaa Pos. 10
Seq#:247; Xaa Pos. 10

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/428,082A

DATE: 05/28/2002
TIME: 11:56:37

Input Set : A:\A-527.ST25.txt
Output Set: N:\CRF3\05282002\I428082A.raw

Seq#:248; Xaa Pos. 10
Seq#:249; Xaa Pos. 6,10
Seq#:253; Xaa Pos. 10
Seq#:254; Xaa Pos. 5,10
Seq#:255; Xaa Pos. 6,10
Seq#:256; Xaa Pos. 5,10
Seq#:258; Xaa Pos. 1,10
Seq#:259; Xaa Pos. 10
Seq#:260; Xaa Pos. 10
Seq#:261; Xaa Pos. 10
Seq#:262; Xaa Pos. 10
Seq#:307; Xaa Pos. 1,2,3,11
Seq#:308; Xaa Pos. 1,2,3,11,12
Seq#:309; Xaa Pos. 1,2,3,11,12
Seq#:310; Xaa Pos. 2,3,11
Seq#:311; Xaa Pos. 2,3
Seq#:312; Xaa Pos. 11,12
Seq#:313; Xaa Pos. 11,12
Seq#:314; Xaa Pos. 2,3,8,9
Seq#:315; Xaa Pos. 1,2,3,8
Seq#:316; Xaa Pos. 3,4,9
Seq#:317; Xaa Pos. 1,4,6,9
Seq#:318; Xaa Pos. 3,4,6,8,10
Seq#:319; Xaa Pos. 8,9
Seq#:320; Xaa Pos. 1,3,6
Seq#:321; Xaa Pos. 1,2,4,8
Seq#:322; Xaa Pos. 2,3
Seq#:325; Xaa Pos. 1,3,5,7,8,10,11
Seq#:358; Xaa Pos. 19
Seq#:360; Xaa Pos. 19
Seq#:361; Xaa Pos. 19
Seq#:419; Xaa Pos. 1,3,4,5,6,9,12,13,14,15,16
Seq#:420; Xaa Pos. 1,3,5,6,9,12,14,15,16
Seq#:421; Xaa Pos. 2,3,6,9
Seq#:433; Xaa Pos. 4,5,6
Seq#:435; Xaa Pos. 3;5,6
Seq#:441; Xaa Pos. 2,5,7
Seq#:442; Xaa Pos. 2,5,7
Seq#:443; Xaa Pos. 5
Seq#:444; Xaa Pos. 6
Seq#:445; Xaa Pos. 2,3,4,8,9,10,11,12,13,14
Seq#:448; Xaa Pos. 1,2,3,7,8,9
Seq#:449; Xaa Pos. 2,8
Seq#:453; Xaa Pos. 1,2,5,6,7,8
Seq#:454; Xaa Pos. 1,2,3,6,7,8,9,10
Seq#:461; Xaa Pos. 2,3,4,5,8,11,12
Seq#:466; Xaa Pos. 3,15
Seq#:467; Xaa Pos. 3,5,6,13,15
Seq#:468; Xaa Pos. 13,15

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/428,082A

DATE: 05/28/2002
TIME: 11:56:37

Input Set : A:\A-527.ST25.txt
Output Set: N:\CRF3\05282002\I428082A.raw

Seq#:469; Xaa Pos. 2,3,4,7,15
Seq#:470; Xaa Pos. 3,4,5,6,8,13,15,18
Seq#:471; Xaa Pos. 2,5,6,7,12,13,14
Seq#:472; Xaa Pos. 1,3,6,9,12,13
Seq#:473; Xaa Pos. 1,2,10,12
Seq#:580; Xaa Pos. 1
Seq#:583; Xaa Pos. 1
Seq#:584; Xaa Pos. 1
Seq#:585; Xaa Pos. 1
Seq#:592; Xaa Pos. 1,2,3
Seq#:593; Xaa Pos. 1,3
Seq#:594; Xaa Pos. 1,5,6,7
Seq#:602; Xaa Pos. 3
Seq#:603; Xaa Pos. 5
Seq#:607; Xaa Pos. 1
Seq#:608; Xaa Pos. 1
Seq#:609; Xaa Pos. 4
Seq#:622; Xaa Pos. 1,3
Seq#:625; Xaa Pos. 5
Seq#:632; Xaa Pos. 1,3
Seq#:633; Xaa Pos. 1
Seq#:634; Xaa Pos. 1
Seq#:635; Xaa Pos. 4
Seq#:639; Xaa Pos. 5
Seq#:645; Xaa Pos. 1
Seq#:765; Xaa Pos. 12,13,16
Seq#:825; Xaa Pos. 2,3,5,6
Seq#:830; Xaa Pos. 5,6
Seq#:832; Xaa Pos. 5,6
Seq#:834; Xaa Pos. 5,6
Seq#:836; Xaa Pos. 1,2
Seq#:897; Xaa Pos. 1,2,6
Seq#:900; Xaa Pos. 10
Seq#:901; Xaa Pos. 10
Seq#:903; Xaa Pos. 13
Seq#:907; Xaa Pos. 1,2,4,6,7,8
Seq#:908; Xaa Pos. 1,2,4,6,7,8
Seq#:909; Xaa Pos. 1,2,4,6,7,8
Seq#:910; Xaa Pos. 1,2,3,5,7,8,9
Seq#:912; Xaa Pos. 10
Seq#:914; Xaa Pos. 10
Seq#:916; Xaa Pos. 10
Seq#:917; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,16,18,19,20
Seq#:926; Xaa Pos. 10
Seq#:928; Xaa Pos. 10
Seq#:929; Xaa Pos. 10
Seq#:930; Xaa Pos. 10
Seq#:931; Xaa Pos. 10
Seq#:932; Xaa Pos. 10

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/428,082A

DATE: 05/28/2002
TIME: 11:56:37

Input Set : A:\A-527.ST25.txt
Output Set: N:\CRF3\05282002\I428082A.raw

Seq#:933; Xaa Pos. 10
Seq#:934; Xaa Pos. 10
Seq#:935; Xaa Pos. 10
Seq#:936; Xaa Pos. 10
Seq#:937; Xaa Pos. 10
Seq#:938; Xaa Pos. 10
Seq#:939; Xaa Pos. 10
Seq#:940; Xaa Pos. 5,10
Seq#:941; Xaa Pos. 5,10
Seq#:942; Xaa Pos. 6,10
Seq#:943; Xaa Pos. 6,10
Seq#:944; Xaa Pos. 5,10
Seq#:945; Xaa Pos. 10
Seq#:946; Xaa Pos. 10
Seq#:947; Xaa Pos. 10
Seq#:948; Xaa Pos. 10
Seq#:949; Xaa Pos. 10
Seq#:950; Xaa Pos. 1,10
Seq#:951; Xaa Pos. 10
Seq#:952; Xaa Pos. 10
Seq#:953; Xaa Pos. 10
Seq#:954; Xaa Pos. 10
Seq#:955; Xaa Pos. 10
Seq#:956; Xaa Pos. 5
Seq#:957; Xaa Pos. 5
Seq#:958; Xaa Pos. 5
Seq#:959; Xaa Pos. 5
Seq#:961; Xaa Pos. 3
Seq#:962; Xaa Pos. 7
Seq#:963; Xaa Pos. 10,11
Seq#:964; Xaa Pos. 1,10,11
Seq#:965; Xaa Pos. 8,10
Seq#:966; Xaa Pos. 8,10
Seq#:967; Xaa Pos. 7,10
Seq#:968; Xaa Pos. 7,10
Seq#:969; Xaa Pos. 3,10
Seq#:970; Xaa Pos. 3,10
Seq#:971; Xaa Pos. 1,10
Seq#:972; Xaa Pos. 1,10
Seq#:975; Xaa Pos. 5
Seq#:979; Xaa Pos. 1,3,4,5,6,7,8,9,10,11
Seq#:1002; Xaa Pos. 1,2,3,6
Seq#:1004; Xaa Pos. 10
Seq#:1006; Xaa Pos. 10
Seq#:1007; Xaa Pos. 10
Seq#:1008; Xaa Pos. 10
Seq#:1009; Xaa Pos. 10
Seq#:1010; Xaa Pos. 10
Seq#:1011; Xaa Pos. 10

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/428,082A

DATE: 05/28/2002
TIME: 11:56:37

Input Set : A:\A-527.ST25.txt
Output Set: N:\CRF3\05282002\I428082A.raw

Seq#:1012; Xaa Pos. 10
Seq#:1013; Xaa Pos. 10
Seq#:1014; Xaa Pos. 10
Seq#:1015; Xaa Pos. 10
Seq#:1016; Xaa Pos. 10
Seq#:1018; Xaa Pos. 10
Seq#:1019; Xaa Pos. 10
Seq#:1020; Xaa Pos. 10
Seq#:1021; Xaa Pos. 10
Seq#:1022; Xaa Pos. 10
Seq#:1023; Xaa Pos. 10
Seq#:1042; Xaa Pos. 1,2,3,4,7,10,11
Seq#:1043; Xaa Pos. 3,4
Seq#:1091; Xaa Pos. 6
Seq#:1092; Xaa Pos. 2,3,8,9
Seq#:1093; Xaa Pos. 2,4

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:215,260,556,652,683,741,762,897,961,964,977,983

Use of <220> Feature(NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"
or "Unknown". Please explain source of genetic material in <220> to <223>
section (See "Federal Register," 6/01/98, Vol. 63, No. 104,pp.29631-32)
(Sec.1.823 of new Rules)

Seq#:215,556,652,683,741,762,977,983

the errors in the submitted file